

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013780.D
 Acq On : 17 May 2023 16:50
 Operator : KP/MD
 Sample : 02774-01
 Misc : 7.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-N-1-VOC

Quant Time: May 18 07:16:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

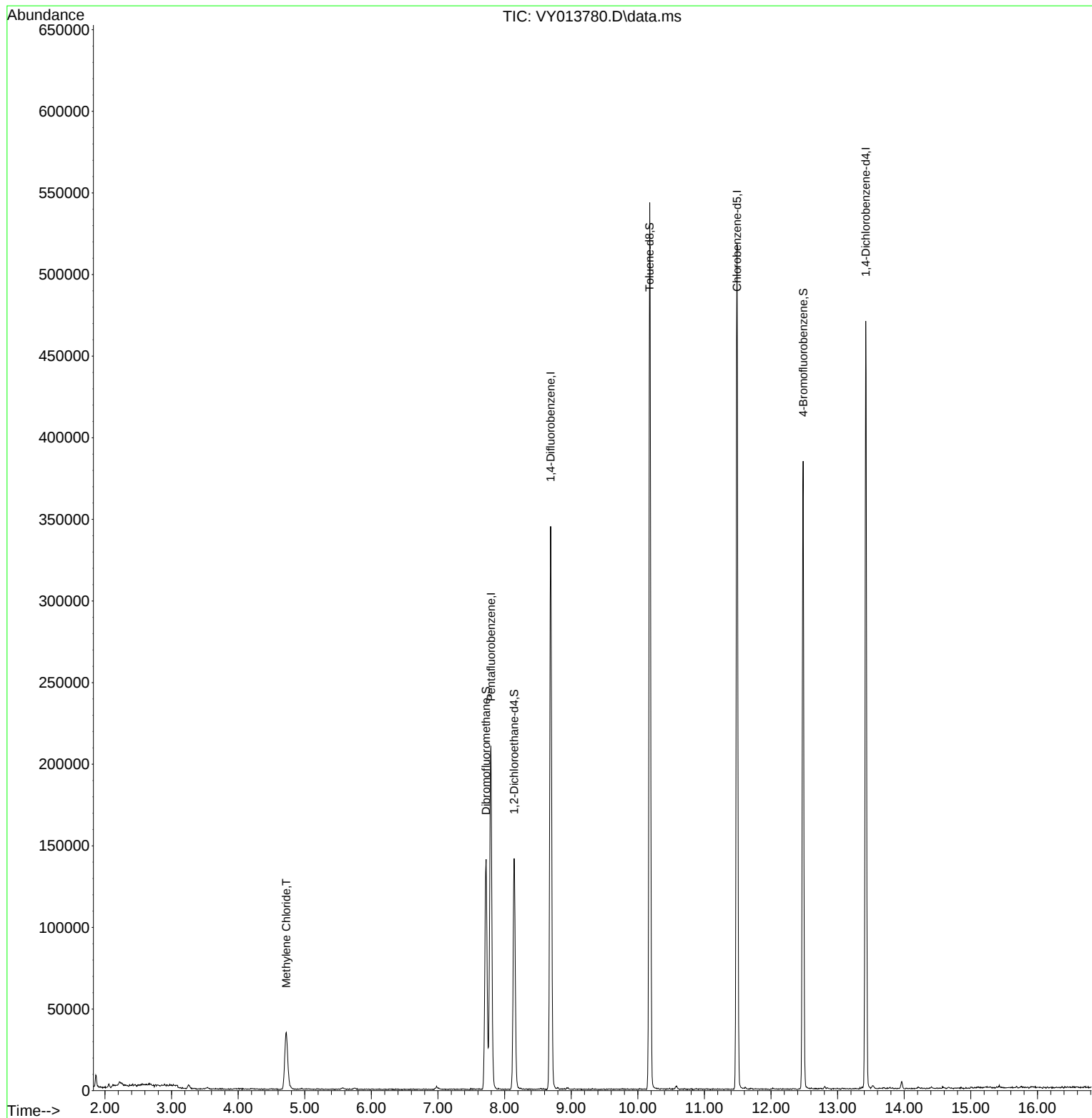
Internal Standards						
1) Pentafluorobenzene	7.795	168	158755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110804	60.082	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.160%			
35) Dibromofluoromethane	7.722	113	97657	54.270	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.540%			
50) Toluene-d8	10.179	98	345012	50.573	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.483	95	109997	48.543	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.080%			
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	25330	10.218	ug/l	95

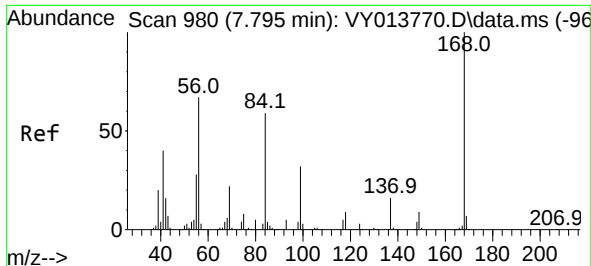
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013780.D
Acq On : 17 May 2023 16:50
Operator : KP/MD
Sample : 02774-01
Misc : 7.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-N-1-VOC

Quant Time: May 18 07:16:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 2023
Response via : Initial Calibration

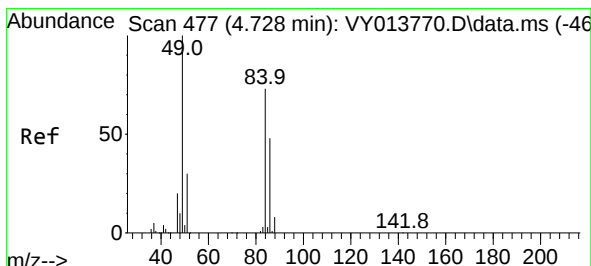
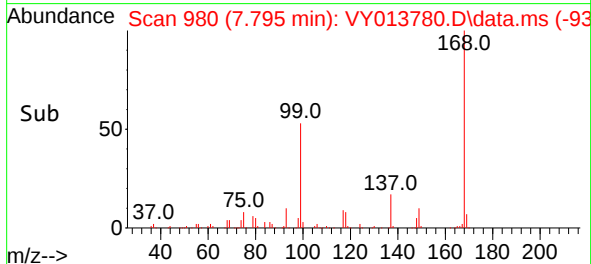
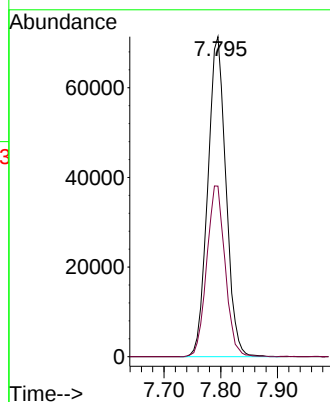
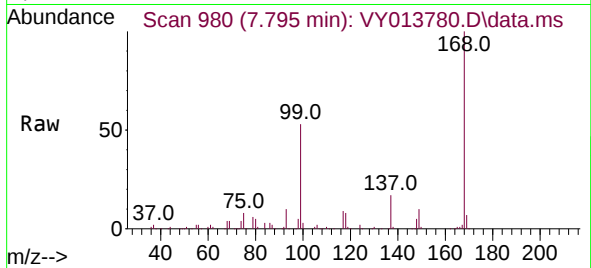




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013780.D
Acq: 17 May 2023 16:50

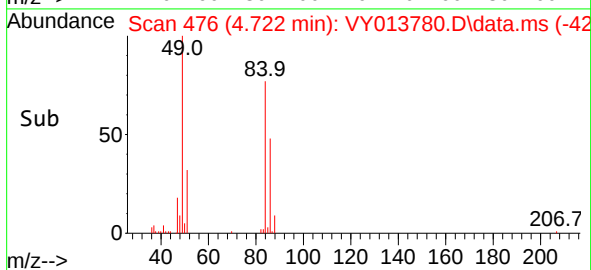
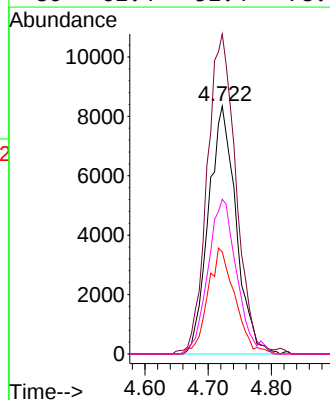
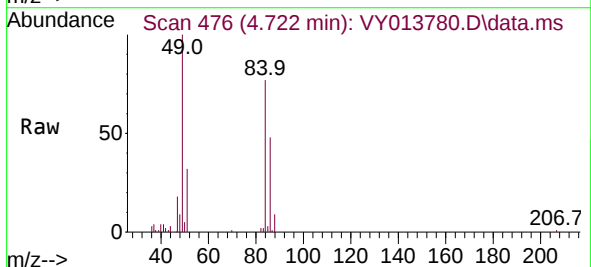
Instrument :
MSVOA_Y
ClientSampleId :
WC-N-1-VOC

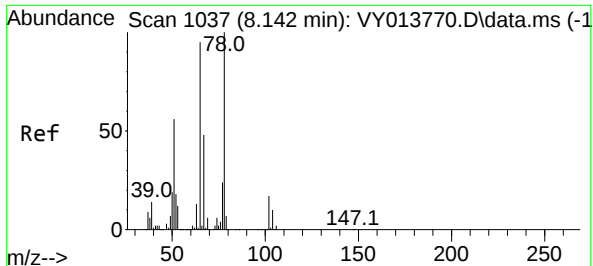
Tgt Ion:168 Resp: 158755
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#20
Methylene Chloride
Concen: 10.218 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY013780.D
Acq: 17 May 2023 16:50

Tgt Ion: 84 Resp: 25330
Ion Ratio Lower Upper
84 100
49 127.7 109.4 164.0
51 41.1 32.8 49.2
86 62.4 52.4 78.6





#33

1,2-Dichloroethane-d4

Concen: 60.082 ug/l

RT: 8.143 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VY013780.D

Acq: 17 May 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

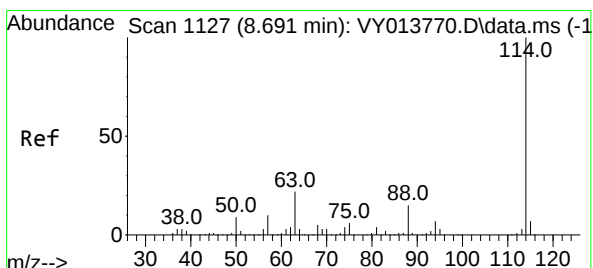
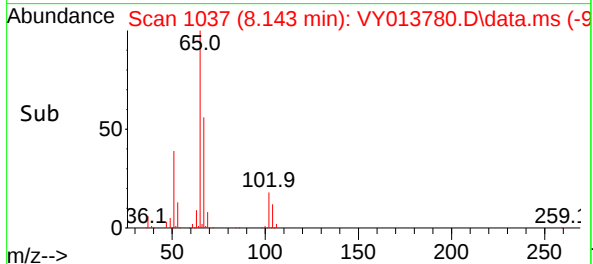
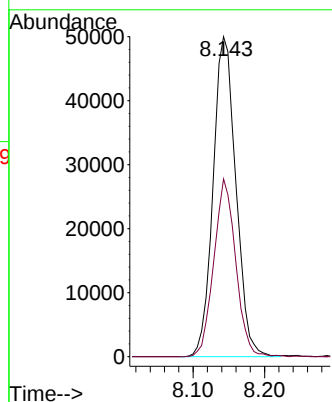
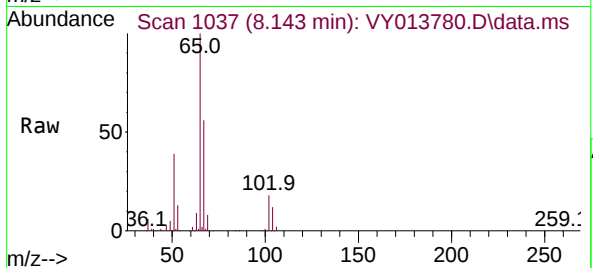
WC-N-1-VOC

Tgt Ion: 65 Resp: 110804

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013780.D

Acq: 17 May 2023 16:50

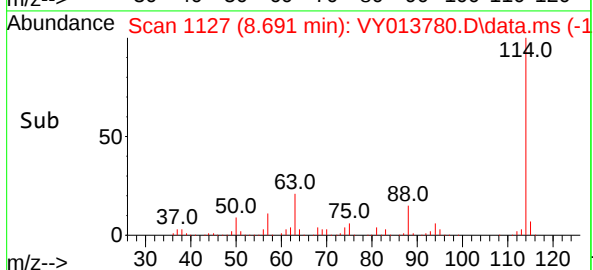
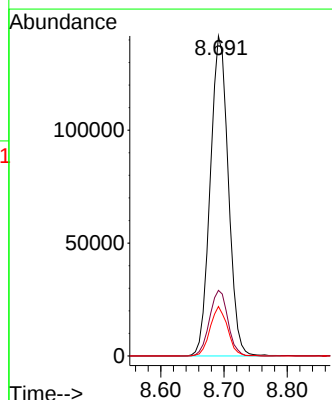
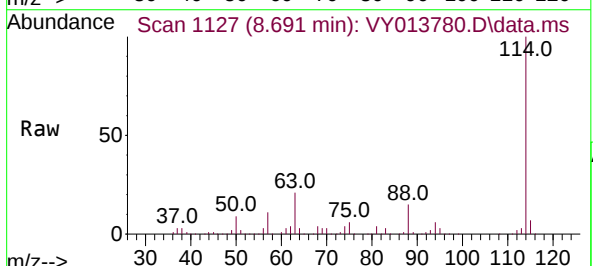
Tgt Ion: 114 Resp: 280615

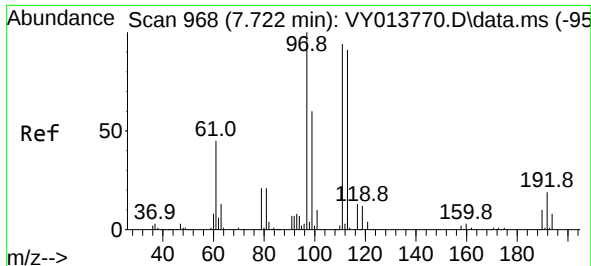
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 15.5 0.0 30.8

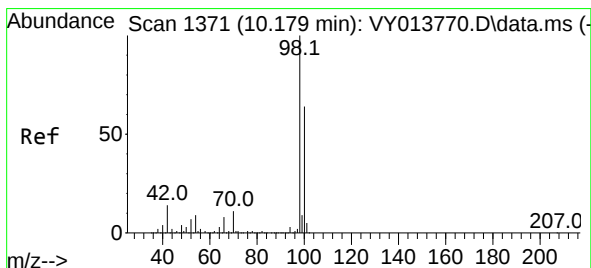
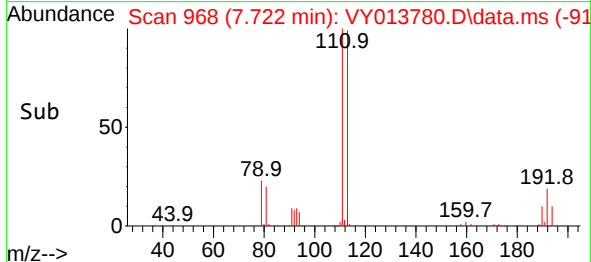
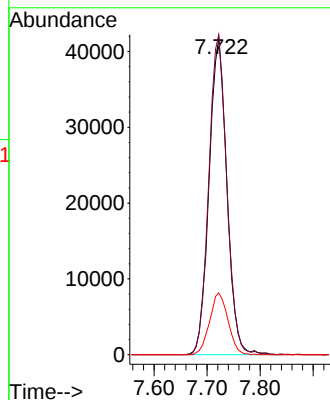
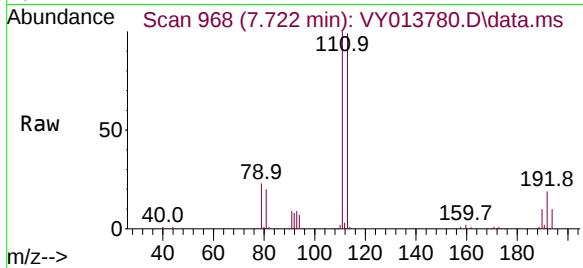




#35
 Dibromofluoromethane
 Concen: 54.270 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VY013780.D
 Acq: 17 May 2023 16:50

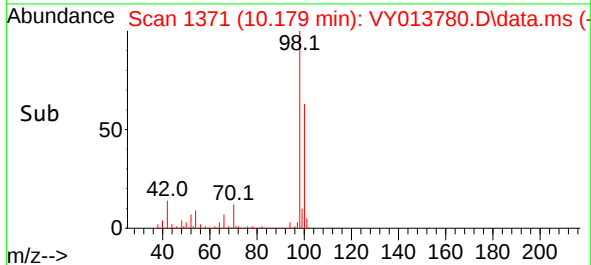
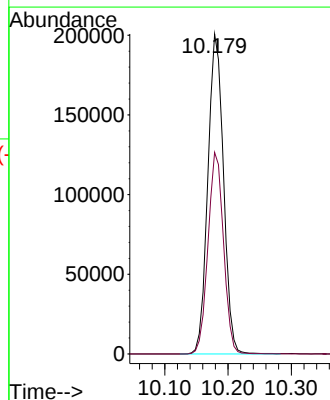
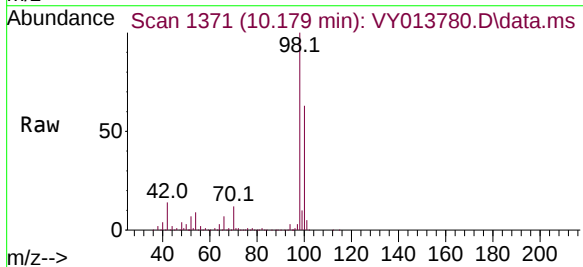
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-N-1-VOC

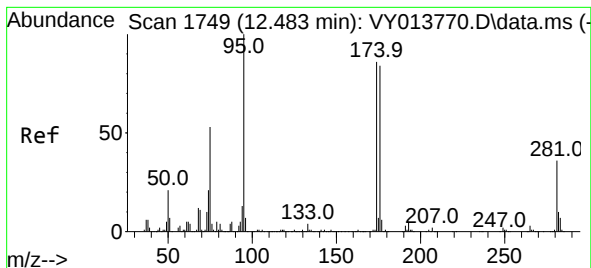
Tgt Ion:113 Resp: 97657
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.3 123.5
 192 20.1 16.0 24.0



#50
 Toluene-d8
 Concen: 50.573 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY013780.D
 Acq: 17 May 2023 16:50

Tgt Ion: 98 Resp: 345012
 Ion Ratio Lower Upper
 98 100
 100 62.5 51.0 76.6

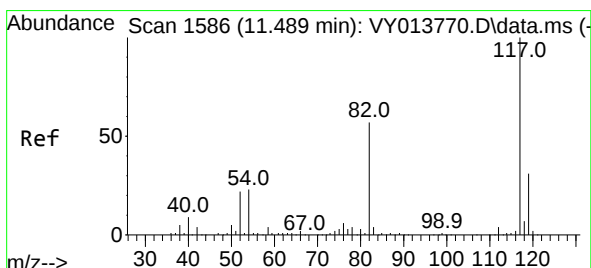
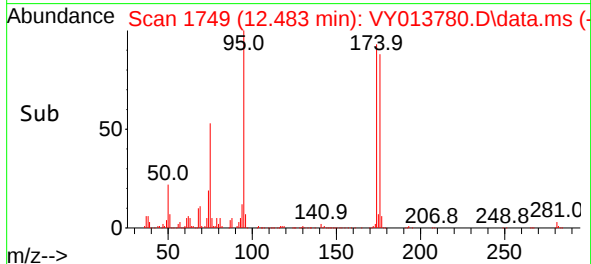
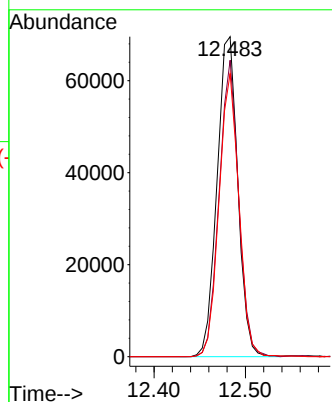
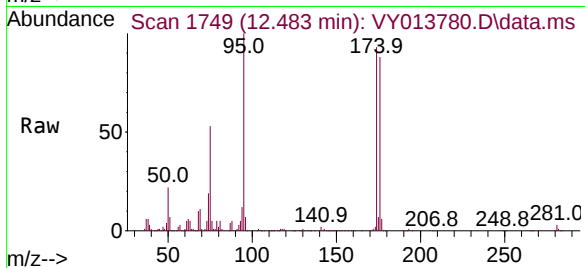




#62
4-Bromofluorobenzene
Concen: 48.543 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013780.D
Acq: 17 May 2023 16:50

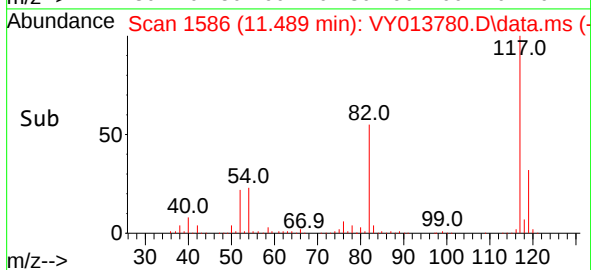
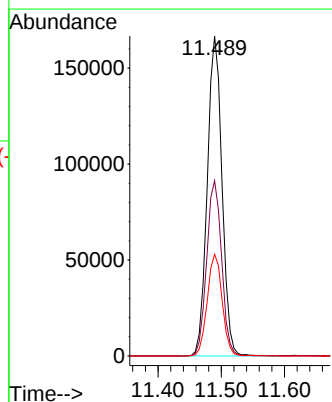
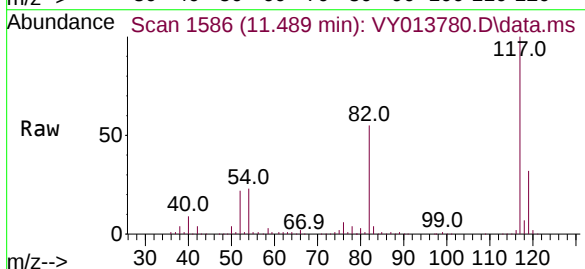
Instrument :
MSVOA_Y
ClientSampleId :
WC-N-1-VOC

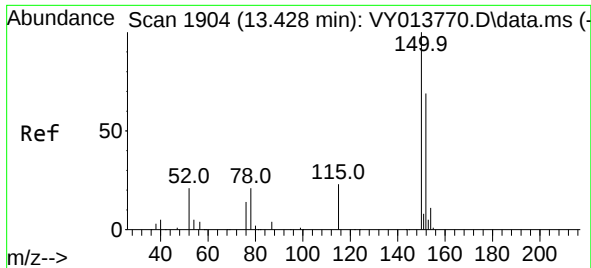
Tgt Ion: 95 Resp: 109997
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.8
176 84.6 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013780.D
Acq: 17 May 2023 16:50

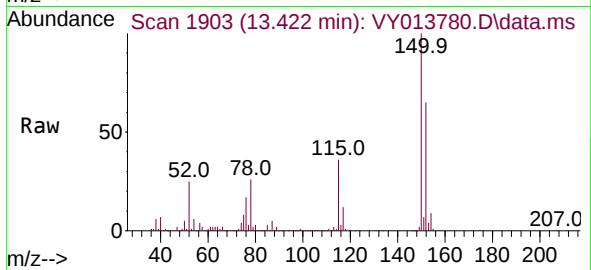
Tgt Ion: 117 Resp: 270053
Ion Ratio Lower Upper
117 100
82 54.7 45.5 68.3
119 31.8 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY013780.D
 Acq: 17 May 2023 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-N-1-VOC



Tgt Ion:152 Resp: 115517
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.5 85.5
 150 156.5 0.0 347.0

